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CONFIDENTIAL
PROPRIETARY FORMULA

U.S. DEPARTMENT OF LABOR
Occupational Safety and Health Administration

Form Approved
OMB No. 44-R1387

MATERIAL SAFETY DATA SHEET

Required under USDL Safety and Health Regulations for Ship Repairing,
Shipbuilding, and Shipbreaking (29 CFR 1915, 1916, 1917)

SECTION I

MANUFACTURER'S NAME Products Research & Chemical Corporation		EMERGENCY TELEPHONE NO. (213) 849-3992
ADDRESS (Number, Street, City, State, and ZIP Code) 2919 Empire Ave., Burbank, Calif. 91504		
CHEMICAL NAME AND SYNONYMS Polysulfide rubber sealing compound.		TRADE NAME AND SYNONYMS PR-1431-G Type I, II, III, IV
CHEMICAL FAMILY N/A	FORMULA N/A	

SECTION II - HAZARDOUS INGREDIENTS

PAINTS, PRESERVATIVES, & SOLVENTS	%	TLV (Units)	ALLOYS AND METALLIC COATINGS	%	TLV (Units)
PIGMENTS			BASE METAL		
CATALYST Calcium bichromate	2	0.1mg/M ³			
VEHICLE			METALLIC COATINGS		
SOLVENTS Toluene	5	200ppm	FILLER METAL PLUS COATING OR CORE FLUX		
ADDITIVES			OTHERS		
OTHERS					
HAZARDOUS MIXTURES OF OTHER LIQUIDS, SOLIDS, OR GASES				%	TLV (Units)
Magnesium chromate				3	0.1mg/M ³

SECTION III - PHYSICAL DATA

BOILING POINT (°F.)	N/A	SPECIFIC GRAVITY (H ₂ O=1)	1.46
VAPOR PRESSURE (mm Hg.)	N/A	PERCENT, VOLATILE BY VOLUME (%)	8.1
VAPOR DENSITY (AIR=1)	N/A	EVAPORATION RATE (_____ =1)	N/A
SOLUBILITY IN WATER	Insol.		
APPEARANCE AND ODOR Olive green syrup; slight toluene odor.			

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT (Method used) 62°F (PMCC)	FLAMMABLE LIMITS Unk.	Let	Uel
EXTINGUISHING MEDIA Dry Chemical, foam, CO ₂			
SPECIAL FIRE FIGHTING PROCEDURES None			
UNUSUAL FIRE AND EXPLOSION HAZARDS Can emit toxic vapors.			

SECTION V - HEALTH HAZARD DATA

THRESHOLD LIMIT VALUE

>200 ppm

EFFECTS OF OVEREXPOSURE

Skin irritation.

EMERGENCY AND FIRST AID PROCEDURES

SKIN: Wash thoroughly with soap and water.

EYES: Wash out thoroughly with large amounts of water; see a physician.

INHALATION: Remove to fresh air.

SECTION VI - REACTIVITY DATA

STABILITY

UNSTABLE

CONDITIONS TO AVOID

STABLE

X

INCOMPATIBILITY (Materials to avoid)

Can react with reducing materials.

HAZARDOUS DECOMPOSITION PRODUCTS

Oxides of sulfur; hydrogen sulfide; formic acid.

HAZARDOUS
POLYMERIZATION

MAY OCCUR

CONDITIONS TO AVOID

WILL NOT OCCUR

X

SECTION VII - SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED

Wipe up with rags; wash area with MEK.

WASTE DISPOSAL METHOD

Closed containers in normal trash route.

Do not incinerate.

SECTION VIII - SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION (Specify type)

N/A

VENTILATION

LOCAL EXHAUST

SPECIAL

Adequate to minimize vapors.

MECHANICAL (General)

OTHER

PROTECTIVE GLOVES

Polyethylene gloves.

EYE PROTECTION

Chemical goggles.

OTHER PROTECTIVE EQUIPMENT

SECTION IX - SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING

Keep in closed containers in sheltered area.

OTHER PRECAUTIONS

Avoid prolonged or repeated skin contact.